

CORNING

Corning Glass Works
Technical Products Division
Zircoa Products
31501 Solon Road
Solon, OH 44139
Tel: 216-248-0500
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RECEIVED

JAN 16 1986

OHIO EPA-N.E.D.O

January 10, 1986

Mr. Jack Burgan
OEPA
Twinsburg, Ohio 44087



Dear Sir:

We have run the following tests on the semi-solid material generated at the Corning Glass Works (Zircoa) operation at Solon, Ohio.

I. FEDERAL EXTRACTION PROCEDURE (Mg/L)

<u>ANALYTE DETERMINED</u>	<u>WEST BED</u>	<u>EAST BED</u>
Selenium	0.018	0.10
Barium	0.94	10
Chrome (Total)	0.020	0.020
Chrome (Hex)	0.020	0.020
Cadmium	0.010	0.010
Lead	0.18	1.1
Arsenic	0.059	0.012
Fluoride	24	24

II. TOTAL FLUORIDE

7.6%

6.5%

III. QUALITATIVE SPEC. ANALYSIS

<u>MAJOR</u>	<u>10%</u>	<u>Si, Mg. Ca</u>	<u>Si, Ca</u>
1 - 10%		Zr	Mg, Zr
5.0		Al Fe, Cr	Cr, Fe, Al
		Sr, Ti, Mn	Sr, Ti, Mn
		Ba, PB, Au	Ba, Ni, PB, Au, G, Ga, Sn
		Ag, V, Ni, B, Ga, Ag, V	
IV pH		8.0	8.0

If you have any questions, please do not hesitate to call. If necessary, we could set up a conference call with Carole Raplee, in Corning, where the tests were run.

Very truly yours,

Garth F. Austin

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Plant Project Supervisor

GFA/ram